

ART 34 AMDT

Rec'd PCT/PTO 14 DEC 2004

PCT/KR 2002 / 001212

IPEA/KR 03.09.2004

10/518133

1

**MULTIPLE BANDS TYPE ANTENNA AND METHOD FOR PRODUCING
THE SAME**

TECHNICAL FIELD OF THE INVENTION

This application is a 371 of PCT/KR02/01212 06/25/02.
The present invention relates to a multiple bands type

antenna and a method for producing the same, and in particular to a multiple bands type antenna and a method for producing the same in which a connector and a helical antenna get integral using a connection member by cutting a cylindrical metal rod, and an impedance transformer is formed in such a manner that a certain space is formed in the connection member.

BACKGROUND OF THE INVENTION

In a general feeding structure of a conventional small-sized antenna used in wireless communications, a coaxial line is directly brought into contact with an antenna to perform feeding. For monopole antennas, a + part of a coaxial line is brought into contact with an antenna to perform feeding. For dipole antennas, + and - parts of a coaxial line are brought into contact with an antenna to

AMENDED SHEET (ART. 34)